

D. Test Results: Billing Performance Measures Evaluation (BLG-4)

1.0 Description

The Billing Performance Measures Evaluation (BLG-4) involved (1) Calculation and Reporting Validation, and (2) Data Comparison for the billing-related Service Quality Measurements (SQMs) produced by BellSouth. The activities undertaken to execute Performance Measures Evaluations are described in Section III-F, “Performance Measures Evaluation Overview.”

2.0 Methodology

This section summarizes the test methodology.

2.1 Business Process Description

The process description for metrics data processing and reporting at BellSouth is contained in Section III-F, “Performance Measures Evaluation Overview.”

2.2 Scenarios

Scenarios are not applicable to this test.

2.3 Test Targets & Measures

The test target for Calculation and Reporting Validation is the set of values reported by BellSouth for billing Service Quality Measurements (SQMs). The test target for Data Comparison is the raw data that BellSouth produces for SQM validation purposes. Sub-processes, functions, and evaluation criteria are summarized in the following table. The last column “Test Cross- Reference” indicates where the particular measures are addressed in Section 3.1 “Interim Results & Analysis.”

Table VI-4.1: Test Target Cross-Reference

Sub-Process	Function	Evaluation Criteria	Test Cross-Reference
Invoice Accuracy	Resale, UNE, and Interconnection	BLS reports are correctly disaggregated and complete.	BLG-4-1-1
		KCI-calculated SQM values agree with BLS-reported SQM values.	BLG-4-1-2

Sub-Process	Function	Evaluation Criteria	Test Cross-Reference
Mean Time to Deliver Invoices	Resale, UNE, and Interconnection	BLS reports are correctly disaggregated and complete.	BLG-4-2-1
		KCI-calculated SQM values agree with BLS-reported SQM values.	BLG-4-2-2
		Test data collected by KCI agree with BLS raw data.	BLG-4-2-3
Usage Data Delivery Accuracy	Not Disaggregated	BLS reports are correctly disaggregated and complete.	BLG-4-3-1
		KCI-calculated SQM values agree with BLS-reported SQM values.	BLG-4-3-2
Usage Data Delivery Completeness	Not Disaggregated	BLS reports are correctly disaggregated and complete.	BLG-4-4-1
		KCI-calculated SQM values agree with BLS-reported SQM values.	BLG-4-4-2
		Test data collected by KCI agree with BLS raw data.	BLG-4-4-3

Sub-Process	Function	Evaluation Criteria	Test Cross-Reference
Usage Data Delivery Timeliness	Not Disaggregated	BLS reports are correctly disaggregated and complete.	BLG-4-5-1
		KCI-calculated SQM values agree with BLS-reported SQM values.	BLG-4-5-2
		Test data collected by KCI agree with BLS raw data.	BLG-4-5-3
Mean Time to Deliver Usage	Not Disaggregated	BLS reports are correctly disaggregated and complete.	BLG-4-6-1
		KCI-calculated SQM values agree with BLS-reported SQM values.	BLG-4-6-2
		Test data collected by KCI agree with BLS raw data.	BLG-4-6-3

2.4 Data Sources

The data collected for the Billing Performance Measures Evaluation are summarized in the table below.

Table VI-4.2: Data Sources for Billing Performance Measures Evaluation

Document	File Name	Location in Work Papers	Source
November 1999 Billing raw data – BLS Proprietary	E&YNOV~1.xls	BLG-4-A-3	BLS – Interconnection Operations – CLEC Performance Measurements
December 1999 Billing raw data – BLS Proprietary	E&YDEC~1.xls	BLG-4-A-10	BLS – Interconnection Operations – CLEC Performance Measurements
January 2000 Billing raw data – BLS Proprietary	E&Y01~1.XLS	BLG-4-A-17	BLS – Interconnection Operations – CLEC Performance Measurements
February 2000 Billing raw data – BLS Proprietary	E&Y02~1.xls	BLG-4-A-24	BLS – Interconnection Operations – CLEC Performance Measurements

Document	File Name	Location in Work Papers	Source
March 2000 Billing raw data– BLS Proprietary	E&Y03~~1.XLS	BLG-4-A-31	BLS – Interconnection Operations – CLEC Performance Measurements
April 2000 Billing raw data– BLS Proprietary	EY04~~1.XLS	BLG-4-A-38	BLS – Interconnection Operations – CLEC Performance Measurements
May 2000 Billing raw data– BLS Proprietary	EY05~~1.XLS	BLG-4-A-45	BLS – Interconnection Operations – CLEC Performance Measurements
June 2000 Billing raw data– BLS Proprietary	EY060~1.XLS	BLG-4-C-3	BLS – Interconnection Operations – CLEC Performance Measurements
July 2000 Billing raw data– BLS Proprietary	E&Y07-00.xls	BLG-4-C-10	BLS – Interconnection Operations – CLEC Performance Measurements
August 2000 Billing raw data– BLS Proprietary	EY080~1.xls	BLG-4-C-17	BLS – Interconnection Operations – CLEC Performance Measurements
September 2000 Billing raw data– BLS Proprietary	EY090~1.xls	BLG-4-C-24	BLS – Interconnection Operations – CLEC Performance Measurements
October 2000 Billing raw data– BLS Proprietary	E&Y100~1.XLS	BLG-4-C-31	BLS – Interconnection Operations – CLEC Performance Measurements
November 2000 Billing raw data– BLS Proprietary	e&y1100revised_12-20-2000jl.xls	BLG-4-C-38	BLS – Interconnection Operations – CLEC Performance Measurements
December 2000 Billing raw data– BLS Proprietary	e&y1200jl.xls	BLG-4-C-45	BLS – Interconnection Operations – CLEC Performance Measurements
November 1999 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-A-1	BLS (Performance Measurement Analysis Platform “PMAP” Web site)

Document	File Name	Location in Work Papers	Source
December 1999 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-A-8	BLS (PMAP Web site)
January 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-A-15	BLS (PMAP Web site)
February 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-A-22	BLS (PMAP Web site)
March 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-A-29	BLS (PMAP Web site)
April 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-A-36	BLS (PMAP Web site)
May 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-A-43	BLS (PMAP Web site)
June 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-C-1	BLS (PMAP Web site)
July 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-C-8	BLS (PMAP Web site)
August 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-C-15	BLS (PMAP Web site)
September 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-C-22	BLS (PMAP Web site)
October 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-C-29	BLS (PMAP Web site)
November 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-C-36	BLS (PMAP Web site)
December 2000 SQM report– BLS Proprietary	Invoice Accuracy CLEC (Region).txt	BLG-4-C-43	BLS (PMAP Web site)
November 1999 SQM report– BLS Proprietary	Mean Time to Deliver Invoice CLEC (Reg).txt	BLG-4-A-1	BLS (PMAP Web site)
December 1999 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-A-8	BLS (PMAP Web site)

Document	File Name	Location in Work Papers	Source
January 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-A-15	BLS (PMAP Web site)
February 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-A-22	BLS (PMAP Web site)
March 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-A-29	BLS (PMAP Web site)
April 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-A-36	BLS (PMAP Web site)
May 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-A-43	BLS (PMAP Web site)
June 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-C-1	BLS (PMAP Web site)
July 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-C-8	BLS (PMAP Web site)
August 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-C-15	BLS (PMAP Web site)
September 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-C-22	BLS (PMAP Web site)
October 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-C-29	BLS (PMAP Web site)
November 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-C-36	BLS (PMAP Web site)
December 2000 SQM report– BLS Proprietary	Mean Time to Deliver Invoices CLEC (Reg).txt	BLG-4-C-43	BLS (PMAP Web site)
November 1999 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-A-1	BLS (PMAP Web site)
December 1999 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-A-8	BLS (PMAP Web site)
January 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-A-15	BLS (PMAP Web site)

Document	File Name	Location in Work Papers	Source
February 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-A-22	BLS (PMAP Web site)
March 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-A-29	BLS (PMAP Web site)
April 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-A-36	BLS (PMAP Web site)
May 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-A-43	BLS (PMAP Web site)
June 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-C-1	BLS (PMAP Web site)
July 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-C-8	BLS (PMAP Web site)
August 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-C-15	BLS (PMAP Web site)
September 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-C-22	BLS (PMAP Web site)
October 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-C-29	BLS (PMAP Web site)
November 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-C-36	BLS (PMAP Web site)
December 2000 SQM report– BLS Proprietary	Usage Data Delivery Accuracy CLEC.txt	BLG-4-C-43	BLS (PMAP Web site)
November 1999 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-A-1	BLS (PMAP Web site)
December 1999 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-A-8	BLS (PMAP Web site)
January 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-A-15	BLS (PMAP Web site)

Document	File Name	Location in Work Papers	Source
February 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-A-22	BLS (PMAP Web site)
March 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-A-29	BLS (PMAP Web site)
April 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-A-36	BLS (PMAP Web site)
May 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-A-43	BLS (PMAP Web site)
June 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-C-1	BLS (PMAP Web site)
July 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-C-8	BLS (PMAP Web site)
August 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-C-15	BLS (PMAP Web site)
September 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-C-22	BLS (PMAP Web site)
October 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-C-29	BLS (PMAP Web site)
November 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-C-36	BLS (PMAP Web site)
December 2000 SQM report– BLS Proprietary	Usage Timeliness & Completeness CLEC.txt	BLG-4-C-43	BLS (PMAP Web site)
Mapping of OCNs/ACNAs to CLECs– BLS Proprietary	RQ_COM~1.xls	BLG-4-A-2	BLS – Interconnection Operations – CLEC Performance Measurements
Billing Process Flow– BLS Proprietary	BILLIN~1.doc	BLG-4-A-2	BLS – Interconnection Operations – CLEC Performance Measurements
DUF access database– BLS Proprietary	GADUF_Test.mdb	BLG-4-B-1	KCI

Document	File Name	Location in Work Papers	Source
Mean Time to Deliver Invoices Test Data– BLS Proprietary	Mean Time for Invoices Data.xls	BLG-4-B-2	KCI
Invoice Accuracy Test Data– BLS Proprietary	Billing Invoice Accuracy Data to Metrics.xls	BLG-4-B-3	KCI
ADUF Summary Test Data – BLS Proprietary	aduf000314.txt	BLG-4-B-4	KCI
ODUF Summary Test Data – BLS Proprietary	oduf000314.txt	BLG-4-B-5	KCI
Results of Billing Data Comparison– BLS Proprietary	No Electronic Copy	BLG-4-B-6	KCI
BellSouth E&Y Data With Account Numbers– BLS Proprietary	BDC_NO~1.XLS	BLG-4-B-7	BLS – Interconnection Operations – CLEC Performance Measurements
10/22/99 Georgia SQM documentation– BLS Proprietary	No Electronic Copy	PMR-A-9	BLS (PMAP Web site)
May 2000 Georgia SQM documentation– BLS Proprietary	No Electronic Copy	PMR-A-11	BLS (PMAP Web site)
KCI – Billing - Evaluation Criteria and Interim Results Table– BLS Proprietary	BLG4 – Table VI-4.3.doc	BLG-4-A-22	KCI
KCI – Billing - Evaluation Criteria and Interim Results Table – Sources– BLS Proprietary	BLG4 – Table VI-4.3_sources.doc	BLG-4-A-23	KCI

2.4.1 Data Generation/Volumes

This test relied on the raw data and SQMs reported for the KCI CLEC.

2.5 Evaluation Methods

The Evaluation Methods for the Performance Measures Evaluation are described in Section III-F, “Performance Measures Evaluation Overview.”

2.6 Analysis Methods

The Billing Performance Measures Evaluation includes a checklist of evaluation criteria developed by KCI during the initial phase of the BellSouth - Georgia OSS Evaluation. These evaluation criteria provide the framework of norms,

standards, and guidelines for (1) Calculation and Reporting Validation, and (2) Data Comparison.

The data collected were analyzed employing the evaluation criteria referenced above.

3.0 Results Summary

This section identifies the evaluation criteria and test results.

3.1 Results & Analysis

The results of this test are presented in the table below. Definitions of evaluation criteria, possible results, and exceptions are provided in Section II.

Table VI-4.3: BLG-4 Evaluation Criteria and Results

Test Cross-Reference	Evaluation Criteria	Result	Comments
<i>Invoice Accuracy</i>			
BLG-4-1-1	BLS reports are correctly disaggregated and complete.	Satisfied	BLS reports an SQM value for every level of disaggregation specified in the May 2000 Georgia SQM documentation.
BLG-4-1-2	KCI-calculated SQM values agree with BLS-reported SQM values.	Satisfied	<p>The SQM values calculated by KCI at each level of disaggregation matched exactly the corresponding value reported by BLS.</p> <p>Initially, KCI was unable to match all of the KCI-calculated SQM values to the BLS-reported values in the February and May 2000 reports. In the February report, the values did not match for UNE, Interconnection, and Total. In the May report, the values did not match for UNE and Total.</p> <p>BLS provided additional calculation instructions to KCI. These instructions specified that the absolute value of each revenue item is to be used, and that the Adjustments variable is to be altered every time the corresponding revenue item is converted to a positive value. Using these new instructions, KCI matched the revised values for February.</p>

Test Cross-Reference	Evaluation Criteria	Result	Comments
			<p>In addition to these revised instructions, KCI received corrected raw data and revised reports for May. Using these new instructions and revised data, KCI matched the revised values for May. KCI also performed this analysis for June 2000 through January 2001. KCI matched the BLS-provided values for June through December 2000.</p> <p>Initially, KCI was unable to match the BLS-provided values for January 2001. BLS informed KCI that the BLS-provided values were incorrect, because the relevant data provided to PMAP for calculation purposes were formatted such that negative numbers were presented in parentheses. (PMAP could not account for these entries accurately.) BLS has provided updated SQM values, which match the KCI-calculated values exactly. Additionally BLS will update PMAP so that it can accurately account for numbers in parentheses. In the meantime, BLS has manual checks in place to ensure this type of error does not reoccur.</p> <p>See Exceptions 62, 100, and 135, for additional information on this issue. Exceptions 62 and 100 are closed. KCI has recommended closure of Exception 135 to the GPSC.</p>

Test Cross-Reference	Evaluation Criteria	Result	Comments
<i>Mean Time to Deliver Invoices</i>			
BLG-4-2-1	BLS reports are correctly disaggregated and complete.	Satisfied	BLS reports an SQM value for every level of disaggregation specified in the May 2000 Georgia SQM documentation. Initially, BLS did not report an SQM value for Interconnections in November 1999, December 1999, or January 2000. Subsequently, BLS provided revised SQM reports for these months that included these SQM values. See Exceptions 42 and 74 for additional information on this issue. Exceptions 42 and 74 are closed.
BLG-4-2-2	KCI-calculated SQM values agree with BLS-reported SQM values.	Satisfied	<p>The SQM values calculated by KCI at each level of disaggregation matched exactly the corresponding value reported by BLS.</p> <p>Initially, BLS did not report values for the Interconnection level of disaggregation (see BLG-4-2-1 comments above). BLS subsequently provided revised data and SQM reports for November 1999 through March 2000. KCI then recalculated the SQM values given the new data. The revised KCI-calculated values matched the revised BLS-reported values.</p> <p>Additional issues were raised in Exception 104 regarding the accuracy of the BLS-provided raw data for February, March, and May 2000 (see BLG-4-2-3 below). BLS provided revised raw data and SQM reports for these months, and KCI recalculated its SQM values based upon these revised data. The revised KCI-calculated SQM values agree with the revised BLS-reported SQM values for February, March, and May 2000. The KCI-calculated SQM values also agree with the BLS-reported values for June 2000 through January 2001.</p> <p>See Exceptions 42, 74, and 104 for</p>

Test Cross-Reference	Evaluation Criteria	Result	Comments
			additional information on these issues. Exceptions 42, 74, and 104 are closed.
BLG-4-2-3	Test data collected by KCI agree with BLS raw data.	Satisfied	<p>The test data collected by KCI agree with the raw data provided by BLS. Initially, KCI found that information on some billing account numbers was missing from the raw data. See Exceptions 42 and 43 for additional information on this issue.</p> <p>BLS subsequently provided additional information and KCI performed the data comparison test using this information. KCI was unable to match the “number of calendar days” for one CABS account in the period from November 1999 through August 2000. KCI performed a similar analysis for October 2000 and November 2000 and found that the KCI calculations matched the BLS-reported values for “number of calendar days” for all CABS accounts.</p> <p>Additionally KCI was unable to match the “number of business days” for six CRIS accounts, in the period from November 1999 through August 2000.</p> <p>Further, KCI found that BLS was not reporting raw data on six KCI CLEC CABS billing accounts between February 1999 and May 2000.</p> <p>BLS explained that they corrected the raw data files to reflect the actual calculations of the “number of calendar days” for CABS accounts, and the “number of business days” for CRIS accounts. BLS further explained that they corrected the raw data files to include all the accounts for the test CLEC. For one of the accounts, BLS mentioned that all the circuits were removed starting March 2000.</p>

Test Cross-Reference	Evaluation Criteria	Result	Comments
			BLS provided KCI with the updated raw data files for February, March, and May 2000. The test data collected by KCI agree with these updated raw data files. Additionally, KCI determined that the KCI-collected test data agree with the BLS-provided raw data for June through August 2000, and October and November 2000. See Exception 104 for additional information on this issue. Exceptions 42, 43, and 104 are closed.
<i>Usage Data Delivery Accuracy</i>			
BLG-4-3-1	BLS reports are correctly disaggregated and complete.	Satisfied	BLS reports a single aggregated value for the SQM, as specified in the May 2000 Georgia SQM documentation.
BLG-4-3-2	KCI-calculated SQM values agree with BLS-reported SQM values.	Satisfied	The SQM values calculated by KCI at each level of disaggregation matched exactly the corresponding value reported by BLS. Hence, KCI confirmed that BLS accurately calculated and reported these SQM values.
<i>Usage Data Delivery Completeness</i>			
BLG-4-4-1	BLS reports are correctly disaggregated and complete.	Satisfied	BLS reports an aggregated value for the SQM, as specified in the May 2000 Georgia SQM documentation.
BLG-4-4-2	KCI-calculated SQM values agree with BLS-reported SQM values.	Satisfied	The SQM value calculated by KCI at each level of disaggregation matched exactly the corresponding value reported by BLS. Hence, KCI confirmed that BLS accurately calculated and reported these SQM values.

Test Cross-Reference	Evaluation Criteria	Result	Comments
BLG-4-4-3	Test data collected by KCI agree with BLS raw data.	Satisfied	<p>The test data collected by KCI agree with the raw data provided by BLS. For November 1999 through April 2000, June through September 2000, and November 2000, KCI used test data to generate the frequency distribution of DAYS_DELAYED, based on REC_VOL.</p> <p>The REC_VOL field gives the number of usage records in each of the class intervals defined by DAYS_DELAYED.</p> <p>DAYS_DELAYED is the difference, in calendar days, between the time a usage record was delivered by BLS and the time when the message was first recorded in the OSS.</p> <p>KCI matched the BLS-reported raw data with the KCI-collected data for these eleven months. However, initially KCI data did not match the reported raw data for April 2000.</p> <p>BLS explained that KCI was not able to match the BLS-reported data with KCI-collected data for April 2000 because of an error in one of the macros that generated the raw data file. BLS corrected the macro and provided KCI with an updated raw data file. KCI matched the KCI-collected data with the revised BLS-reported data. Further, KCI has matched the test data collected by KCI with the raw data provided by BLS for June through September 2000, and for November 2000.</p> <p>See Exception 101 for additional information on this issue. Exception 101 is closed.</p>
<i>Usage Data Delivery Timeliness</i>			
BLG-4-5-1	BLS reports are correctly disaggregated and complete.	Satisfied	BLS reports an aggregated value for the SQM, as specified in the May 2000 Georgia SQM documentation.

Test Cross-Reference	Evaluation Criteria	Result	Comments
BLG-4-5-2	KCI-calculated SQM values agree with BLS-reported SQM values.	Satisfied	The SQM value calculated by KCI at each level of disaggregation matched exactly the corresponding value reported by BLS. Hence, KCI confirmed that BLS accurately calculated and reported these SQM values.
BLG-4-5-3	Test data collected by KCI agree with BLS raw data.	Satisfied	<p>The test data collected by KCI agree with the raw data provided by BLS. KCI test data for REC_VOL matched BLS raw data for the months of November 1999 through April 2000, June through September 2000, and November 2000 (see BLG-4-4-3 comments above). However, initially KCI did not match the reported raw data for April, 2000.</p> <p>BLS explained that KCI was not able to match the BLS-reported data with KCI- collected data for April 2000 because of an error in one of the macros that generated the raw data file. BLS corrected the macro and provided KCI with an updated raw data file. KCI matched the KCI- collected data with the revised BLS-reported data. Further, KCI matched the test data collected by KCI with the raw data provided by BLS for June through September 2000, and November 2000.</p> <p>See Exception 101 for additional information on this issue. Exception 101 is closed.</p>
<i>Mean Time to Deliver Usage</i>			
BLG-4-6-1	BLS reports are correctly disaggregated and complete.	Satisfied	BLS reported a single aggregated value for the SQM, as specified in the May 2000 Georgia SQM documentation.
BLG-4-6-2	KCI-calculated SQM values agree with BLS-reported SQM values.	Satisfied	<p>The SQM values calculated by KCI at each level of disaggregation matched exactly the corresponding value reported by BLS.</p> <p>Initially, KCI-calculated values did not match BLS-reported values for</p>

Test Cross-Reference	Evaluation Criteria	Result	Comments
			<p>November and December 1999, and Exceptions 45 and 46 were issued. BLS then changed its computational procedure after discussions with KCI. As a result, the values calculated by KCI for January 2000 through January 2001 match the BLS-reported values. BLS also revised its November and December 1999 SQM reports. The values in these SQM reports match the KCI-calculated values.</p> <p>See Exceptions 45 and 46 for additional information on this issue. Exceptions 45 and 46 are closed.</p>
BLG-4-6-3	Test data collected by KCI agree with BLS raw data.	Satisfied	<p>The test data collected by KCI agree with the raw data provided by BLS. KCI test data for REC_VOL matched BLS raw data for the months of November 1999 through April 2000, June through September 2000, and November 2000. (KCI did not attempt to compare the May or October 2000 data.) See BLG-4-4-3 comments.</p> <p>KCI matched the BLS-reported raw data with the KCI-collected data for these eleven months. However, initially, KCI data did not match the reported raw data for April 2000.</p> <p>BLS explained that KCI was not able to match the BLS-reported data with KCI-collected data for April 2000 because of an error in one of the macros that generated the raw data file. BLS corrected the macro and provided KCI with an updated raw data file. KCI matched the KCI-collected data with the revised BLS-reported data. Further KCI matched the test data collected by KCI with the raw data provided by BLS for June through September 2000, and November 2000.</p> <p>See Exception 101 for additional information on this issue. Exception 101 is closed.</p>

